

# Modelling Adaptations to Heat

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| <p><b>Instructions</b></p> <p>Design an experiment modelling structural adaptations to heat. But there is a catch! You are <b>only</b> allowed to use the materials listed.</p> <p><b>Location</b><br/>Classroom</p> | <p><b>Materials</b></p> <p>Per group of students:</p> <ul style="list-style-type: none"><li>• coloured paper</li><li>• 3 x soft drink cans</li><li>• water</li><li>• thermometer</li><li>• timer</li><li>• sticky tape</li><li>• scissors</li><li>• measuring beaker</li></ul> |
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## Before you begin:

1. What structural adaptation do you think you are modelling in this experiment?
  
2. Brainstorm ideas for your procedure here:



**Write a brief report below:**

**Aim:**

**Variables:**

|                    |  |
|--------------------|--|
| <i>Independent</i> |  |
| <i>Dependent</i>   |  |
| <i>Controlled</i>  |  |

**Hypothesis:**

**Method:**

Include a drawing of your experimental set up.

**Results:**

Tabulate and graph your results.

**Conclusion:**